CLAIMS

What is claimed is:

1. A monitoring system employed within a network comprising:

a file including semantics and directives to generate a monitor tree, wherein the file is retrieved from a database by a monitor service;

the monitor tree generated based, at least in part, on the semantics and the directives of the file to monitor a plurality of resources, wherein the monitor tree includes a plurality of nodes, each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean; and

a visual administrator module to provide an interface to the monitoring system.

2. The system of claim 1, wherein the monitoring system is a Java management extensions (JMX) – based monitoring system.

3. The system of claim 2, wherein the visual administrator module comprises:

a convenience interface to obtain information from the monitor service; and

a graphical user interface to provide a graphical representation of the monitor tree based, at least in part, on the information obtained by the convenience interface.

4. The system of claim 3, wherein the graphical user interface is to provide a window pane to display, at least a portion of, the graphical representation of the monitor tree.

5. The system of claim 4, wherein the graphical user interface is to further provide a second window pane to display a list of one or more properties for at least one of the plurality of nodes of the monitor tree.

6. The system of claim 5, wherein the list of one or more properties includes one or more key-value pairs, each key-value pair having a key to identify a listed property and a corresponding value to specify a current value of the identified property.

7. The system of claim 4, wherein the graphical user interface is to select one of the plurality of nodes of the graphical representation of the monitor tree, the selected node having a monitor managed bean.

8. The system of claim 7, wherein the graphical user interface is to further provide a second window pane having an attribute tab and an operation tab.

9. The system of claim 8, wherein the second window pane is to display a list of one or more attributes of the monitor managed bean, if the attribute tab is selected.

10. The system of claim 9, wherein at least one of the listed attributes includes a value field specifying a current value of the listed attribute.

11. The system of claim 8, wherein the second window pane is to display a list of one or more operations of the monitor managed bean, if the operation tab is selected.

12. The system of claim 11, wherein the second pane is to display an invoke button to selectively invoke one or more of the listed operations of the monitor managed bean.

13. A computer-implemented method employed within a network comprising:

accessing a file in a database, the file having semantics and directives to generate a monitor tree to individually monitor a plurality of resources within the network;

generating the monitor tree based, at least in part, on the semantics and the directives of the file, the monitor tree to monitor a plurality of resources; and

displaying, at least a portion of, the generated monitor tree on a graphical user interface of a visual administrator, wherein the displayed portion of the generated monitor tree includes a plurality of nodes, each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

14. The method of claim 13, wherein displaying, at least a portion of the generated monitor tree on the graphical user interface of the visual administrator comprises:

displaying the portion of the generated monitor tree in a first window pane of the graphical user interface.

15. The method of claim 14, further comprising:

selecting one of the plurality of nodes, the selected node having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

16. The method of claim 15, further comprising:

displaying a list of one or more properties of the selected node in a second window pane of the graphical user interface.

17. The method of claim 16, wherein displaying the list of one or more properties comprises:

displaying one or more key-value pairs in the second window pane of the graphical user interface, each key-value pair having a key to identify a listed property and a corresponding value to specify a current value of the identified property.

18. The method of claim 15, further comprising:

displaying a second window pane having an attribute tab and an operation tab.

19. The method of claim 18, further comprising:

displaying a list of one or more attributes of the monitor managed bean, if the attribute tab is selected.

20. The method of claim 19, wherein at least one of the listed attributes includes a value field specifying a current value of the listed attribute.

21. The method of claim 20, further comprising:

entering a value in the value field to specify a new value for the listed attribute.

22. The method of claim 18, further comprising:

displaying a list of one or more operations of the monitor managed bean, if the operation tab is selected.

23. The method of claim 22, wherein displaying the list of one or more operations of the monitor managed bean further comprises:

displaying an invoke button to selectively invoke one or more of the listed operations of the monitor managed bean.

24. A system comprising:

a means for accessing a file in a database, the file having semantics and directives to generate a monitor tree to individually monitor a plurality of resources within the network;

a means for generating the monitor tree based, at least in part, on the semantics and the directives of the file, the monitor tree to monitor a plurality of resources; and

a means for displaying, at least a portion of the generated monitor tree on a graphical user interface of a visual administrator, wherein the displayed portion of the generated monitor tree includes a plurality of nodes, each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

25. The system of claim 24, wherein the means for displaying, at least a portion of the generated monitor tree on the graphical user interface of the visual administrator comprises:

a means for displaying the portion of the generated monitor tree in a first window pane of the graphical user interface.

26. The system of claim 25, further comprising:

a means for selecting one of the plurality of nodes, the selected node having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

27. The system of claim 26, further comprising:

a means for displaying a list of one or more properties of the selected node in a second window pane of the graphical user interface.

28. The system of claim 27, wherein the means for displaying the list of one or more properties of the selected node in the second window pane of the graphical user interface comprises:

a means for displaying one or more key-value pairs in the second window pane of the graphical user interface, each key-value pair having a key to identify a listed property and a corresponding value to specify a current value of the identified property.

29. An article of manufacture comprising:

an electronically accessible medium providing instructions that, when executed by an apparatus, cause the apparatus to

access a file in a database, the file having semantics and directives to generate a monitor tree to individually monitor a plurality of resources within the network;

generate the monitor tree based, at least in part, on the semantics and the directives of the file, the monitor tree to monitor a plurality of resources; and

display, at least a portion of the generated monitor tree on a graphical user interface of a visual administrator, wherein the displayed portion of the generated monitor tree includes a plurality of nodes, each of the plurality of nodes having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

30. The article of manufacture of claim 29, wherein the instructions that, when executed by the apparatus, cause the apparatus to display the portion of the generated monitor tree in a first window pane of the graphical user interface cause the apparatus to

display the portion of the generated monitor tree in a first window pane of the graphical user interface.

31. The article of manufacture of claim 30, wherein the electronically accessible medium provides further instructions that, when executed by the apparatus, cause the apparatus to

select one of the plurality of nodes, the selected node having a monitor managed bean and a resource of the plurality of resources associated with the monitor managed bean.

32. The article of manufacture of claim 30, wherein the electronically accessible medium provides further instructions that, when executed by the apparatus, cause the apparatus to

display a second window pane having an attribute tab and an operation tab; and

display a list of one or more attributes of the monitor managed bean, if the attribute tab is selected.